

KENTUCKY'S ENVIRONMENT

The Newsletter of the Environmental Quality Commission

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EQC

is a seven-member citizen board that advises officials on environmental matters, provides a public forum for the discussion of issues and monitors environmental conditions. To receive the free EQC newsletter, call (502)564-2150 ext. 160, e-mail EQC@mail.state.ky.us, or write to EQC at 14 Reilly Rd., Frankfort, KY 40601. You can also submit your comments and check out EQC activities on our Web site at www.kyeqc.net. Printed bimonthly with state funds.

NREPC Moves Forward on NOx Emission Reduction Rule

Editor's note - Please see below the corrected version of this article. This newsletter is being redistributed to insure that the information presented to its readers is accurate. The article should have said:

New administrative regulations have been proposed by the Natural Resources and Environmental Protection Cabinet (NREPC) to require Kentucky's electricity producing power plants to reduce emissions for oxides of nitrogen (NOx).

401 KAR 51:200, filed with the Legislative Research Commission on June 15, will revise Kentucky's State Implementation Plan (SIP) to require electric power plants to meet the new NOx emissions standards.

The proposed regulation will give Kentucky electric producing systems until May 2, 2003, to come into compliance with the new emission rate of 0.25 pounds per million BTU (lb/MMBTU).

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Proposed Counties in Nonattainment with New 8-Hour Ozone Standard

In June, Gov. Patton submitted Kentucky's proposed list of counties in nonattainment with the Clean Air Act's 8-hour ozone standard. These counties were submitted with "great reluctance and strong objection" due to the uncertainty of a court case challenging the EPA's proposed standard. Even though the new standard is being challenged, submission of the list was still required by June 30.

It is anticipated that the following counties will be out of compliance with the 8-hour standard if it goes into effect. These counties were submitted to EPA Region 4 by the state of Kentucky:

- Jefferson, Oldham and Bullitt
- Fayette and Scott
- Boone, Kenton and Campbell
- Greenup and Boyd
- Daviess, Hancock and Henderson
- McCracken and Marshall
- Simpson and Warren
- Christian

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I-66: Somerset-London

In early July, the Kentucky Transportation Cabinet completed a planning study for the Southern Kentucky Corridor of I-66 between Somerset and London. The study establishes the route to be taken through that region and prioritizes when each of the five proposed segments will be built.

Many potential routes were eliminated due to the corridors expected impacts on pristine forest areas, sinkholes and underground caves, streams and rivers with sensitive plant and animal species.

The next step in the process is the initiation of Phase I, the design and development of an environmental document to evaluate the various alignments of the newly proposed corridor.

To view a copy of the executive summary and the full report contact Annette Coffey, Director, Division of Planning, Transportation Cabinet at (502)564-7183 or view the entire report via the internet at www.kytc.state.ky.us/planning/I-66er.htm.

MEETINGS/CONFERENCES

July 21 - Annual Meeting of the Central Midwest Interstate Low-level Radioactive Waste Commission - Embassy Suite, Chicago. *Contact: Marcia Marr, (217)785-9982.*

August 7 - U.S. Army Corps of Engineers Regional Listening Session "Join the Dialogue" - Holiday Inn Downtown, Louisville. *Contact: U.S. Army COE, (877)447-6342 or www.lrd.usace.army.mil.*

August 10-11 - 3rd Annual Environmental Permitting Course - Radisson Plaza Hotel, Lexington. *Contact: Phyllis Wells, KY Chamber of Commerce, (502)695-4700.*

August 28-30 - KY Rural Water Association 2000 Annual Technical Conference and Exhibition - Galt House-East, Louisville. *Contact: KRWA, (270)843-2291 or e-mail krwa@kih.net.*

Sept. 12 - Building with Trees Seminar - Lexington. *Contact: Sarah Gracey, KY Div. of Forestry, (502)564-4496.*

Oct. 30-31 - Governor's Conference on the Environment - Embassy Suites, Lexington. *Contact: Boyce Wells, NREPC, (502)564-2150.*

PUBLIC NOTICES/HEARINGS

Ky. Division of Water - KPDES Permit Notices

•**Harrison Square Shopping Center**, Cynthiana (Harrison Co.) - discharge permit is denied due to the availability of the City of Cynthiana sewer system. (KY0076643)

•**City of Harrodsburg**, Harrodsburg (Mercer Co.) - **Public Comment** is due by **July 21** on a modification to the pretreatment program for its publicly owned treatment works (POTW). (Public Notice #2000-004)

•**A.O. Smith Electrical Products Co.**, Mt. Sterling (Montgomery Co.) - permit modification to an existing source on noncontact cooling water and storm water runoff to an unnamed tributary of Hinkston Creek. (KY0002771)

•**Waverly Sanitation**, Louisville (Jefferson Co.) - permit denial to an existing discharge due to the availability of MSD sewer services. (KY0034916)

•**31 Water Discharge Permit Issuances/Reissuances - (Public Notice 20-23 2000)**. *Contact: Courtney Zietz, (502)564-3410.*

KY Division of Waste Management - Solid Waste Notices

•**Bituminous Resources, Inc./Hopkins County Regional Landfill**, Madisonville (Hopkins Co.) - The applicant has applied for a permit renewal from the Division of Waste Management. **Public Comment** is due by **Aug. 4**. (Application # 054-00012 LC1PR1) *Contact: Carol Sole, DWM, (502)564-6716.*

KY Division of Waste Management - Hazardous Waste Notices

•**Safety-Kleen Systems, Inc.**, Ashland (Boyd Co.) - The DWM has received a permit renewal application for this facility that receives, treats and stores spent organic solvents.

•**Eaton Corp.**, Bowling Green (Warren Co.) - DWM has received a Clean Closure Equivalency Demonstration Report regarding a former surface impoundment. **Public Comment** is due by **July 25**.

•**Lit-ning Products Facility**, Florence (Boone Co.) - DWM has made a tentative decision to approve the hazardous waste storage closure plan submitted by American Trading and Prod. Corp., its parent company. **Public Comment** is due by **July 28**. *Contact Mike Welch, DWM, (502)564-6716.*

KY Division for Air Quality - Public Notices

•**Title V Operating Permit - Amak Brake, LLC**, Glasgow (Barren Co.); **Imco Recycling, Inc.**, Morgantown (Butler Co.).

•**Conditional Major Source Operating or Construction/Operating Permit (Title V does not apply) - FKI INS Mathews Conveyor**, Danville (Boyle Co.); **Hydro Aluminum**, Henderson (Henderson Co.); **JS Technos Corp.**, Russellville (Logan Co.); **Montibello Packaging, Inc.**, Lebanon (Marion Co.); **Sun Mfg.**, Williamstown (Grant Co.); **Vege Mfg.**, Falmouth (Pendleton Co.).

•**Synthetic Minor Operating or Construction/Operating Permit at a Title V Source (PSD regs. do not apply) - Dart Polymers, Inc.**, Owensboro (Daviess Co.).

•**Synthetic Minor Operating or Construction/Operating Permit at a non-Title V Source (PSD regs. do not apply) -Hydro Aluminum**, Henderson (Henderson Co.).

To comment on air notices, contact Bill Dills, DAQ, (502)573-3382.

Continued back page - see Public Notices



Environmental Quality Commission
Meeting Announcement



EQC Public Meeting **July 26, 2000**

1 p.m.

**Room 113, Capitol Annex
Frankfort**

- **Division for Air Quality Regulations**
401 KAR 51:200 - Regional NOx Emission Requirements

All EQC meetings are free and open to the public. Meeting facilities are accessible to people with disabilities. Auxiliary aids, interpreters and other services will be provided upon request by contacting EQC.

Public Notices - continued from page 1

U.S. EPA Underground Injection Wells - Public Notices

- **Atlas Oil Co., Inc.**, Henderson (Henderson Co.)(KY00UIC015)
- **Magnum Drilling of Ohio, Inc.**, Ashland (Boyd Co.) (KY00UIC016)- both actions are notices of proposed issuance of underground injection control permit.

Contact: William Mann, U.S. EPA Groundwater/Drinking Water Branch at (404)562-9429, ext. 29452.

PROPOSED STATE REGULATIONS

- **Air Quality Regulations** - The Ky. Division for Air Quality will conduct a **Public Hearing** on **July 31** to receive comments on 401 KAR 51:200, Regional NOx Emission Requirements. The regulation will revise Kentucky's State Implementation Plan to require electric generating units to reduce emissions of oxides of nitrogen (NOx). These pollutants contribute to the formation of ground-level ozone in Kentucky counties that do not meet the 1-hour National Ambient Air Quality Standard for ozone. *Contact Millie Ellis, DAQ, (502)573-3382 for information about the public hearing or to provide comments about the proposed regulation..*

FEDERAL NOTICES/HEARINGS/MEETINGS

- **Paducah Gaseous Diffusion Plant Groundwater Operable Unit Feasibility Study** - This study details the history of groundwater contamination from trichloroethylene and Technetium-99 at the plant and potential cleanup technologies and alternatives. **Public Comment** on the study is due by **Oct. 9**. *Contact: Walter Perry, Oak Ridge Public Affairs Office, (865)576-0885.*

- **Tennessee Valley Authority(TVA) Disposal of Mineral Rights** - TVA is proposing to dispose of its mineral rights in approximately 40,000 acres in Bell, Clay, Harlan and Leslie counties. Some of these minerals are located in lands owned by the U.S. Forest Service as part of the Red Bird District of the Daniel Boone National Forest. **Public Comment** is due by **July 31**. *Contact: Steve Hillenbrand, TVA, via e-mail at sjhillenbrand@tva.gov or by phone at (865)632-1511.*

PUBLICATIONS

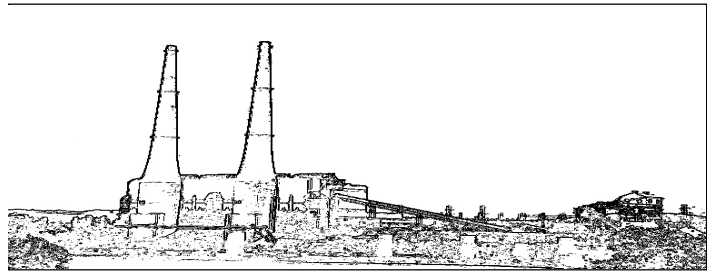
- **KY Statewide Transportation Plan (FY 1999-2018)** - The plan identifies short- and long-term transportation improvements and an overview of Kentucky's transportation system. To request a copy of the report, contact the KY Dept. of Transportation at (502)564-4890.

NOx regulation - continued from page 1

This rule is part of Kentucky's plan to attain the 1-hour ozone standard in the Louisville/ Jefferson County region. Although steps have been taken on the local level to reduce emissions in an effort to attain the standard, more regional reductions of NOx emissions are being sought to address the remaining problems.

Facilities such as Tennessee Valley Authority's (TVA) Paradise power plant in Muhlenberg County may have contributed to problems in the Louisville/Jefferson County region in the past. In 1999, according to the EPA, the Paradise plant emitted more nitrogen oxides than any other industrial source in the United States. But, recent measures taken by TVA may reduce the facility's NOx emissions significantly. In May, testing began on a NOx reduction system that is expected to reduce NOx emissions up to 90% at the plant.

For more information about the proposed regulation and public hearing, contact Millie Ellis, supervisor, Regulation Development Section, Division for Air Quality, at (502)573-3382.



8-hour Ozone Standard - continued from page 1

The new 8-hour ground-level ozone standard was adopted in 1997 after health studies supported a more protective ozone level measured over an 8-hour period rather than the present standard of a 1-hour period.

The development of the 8-hour standard came out of a Congressional mandate to review and update the National Ambient Air Quality Standards (NAAQS) every five years in order to base the standards on the best available research.

In May 1999, the Washington, D.C. Circuit Court of Appeals prohibited enforcement of the new standards. However, it did say that the EPA could require the states to submit a list of areas that might be in nonattainment for the 8-hour standard. EPA is currently appealing the decision to the U.S. Supreme Court and it is expected the court will rule on the matter next year.

Ground-level ozone is the primary component of what people commonly call smog. It forms from the combination of volatile organic compounds and nitrogen oxides, reacting with heat and sunlight. While stratospheric ozone protects us from the Ultraviolet radiation of the sun, ground-level ozone causes damage to the lungs and immune system.



Corrected Kentucky's Environment Newsletter

The Environmental Quality Commission is redistributing the most recent version of the newsletter with a correction to the lead article on the proposed NREPC NOx emission reduction regulation.